Fullerenes

cage structures made entirely of carbon atoms •

Buckminsterfullerene



- the most widely-known fullerene •
- has spherical molecules and contains 60 carbon atoms •
- being researched for use in drug delivery systems in the body, in lubricants and as catalysts •

Carbon nano-tubes



- made from single layers from a graphite structure, key Sacraphene layers, rolled into tubes conductors/semiconductors high strength but lowedcome •
- •
- •
- Parken fibres and are not what is used in the have a much scale structure Pal use ture of bikes and terms cakets.

Bulk materials

do not have the same properties as individual atoms, as demonstrated by diamond, ٠ graphite, fullerenes, carbon nano-tubes and graphene having different properties despite all containing only carbon atoms and by nano-scale silver particles exhibiting properties not seen in bulk silver